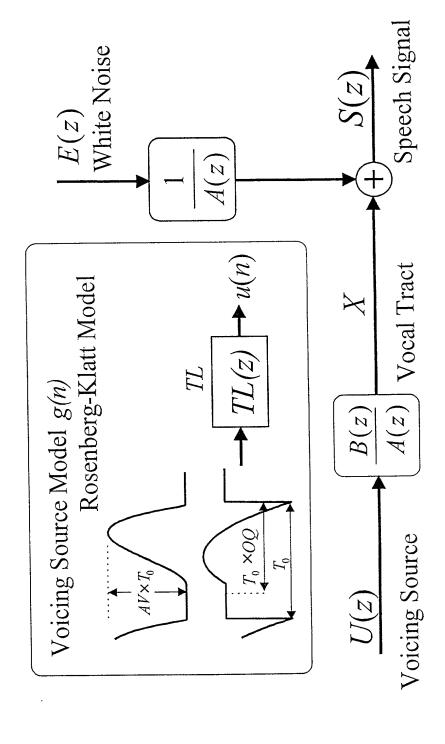
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-00066

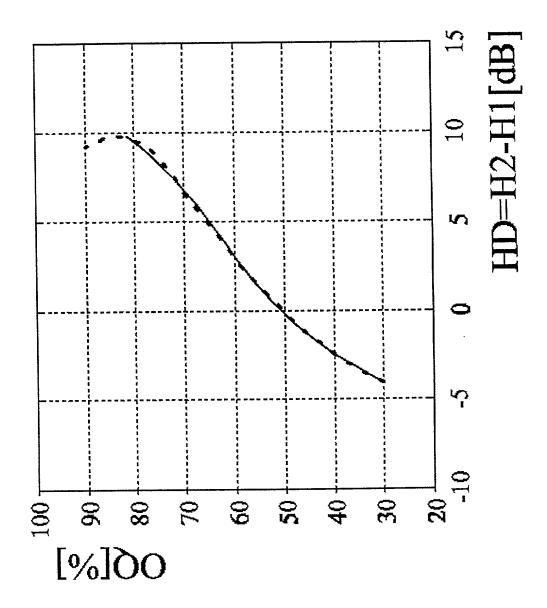


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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM ALLYSIS METHOD AND SPEECH SYNTHESIS SYSTEM

2/30

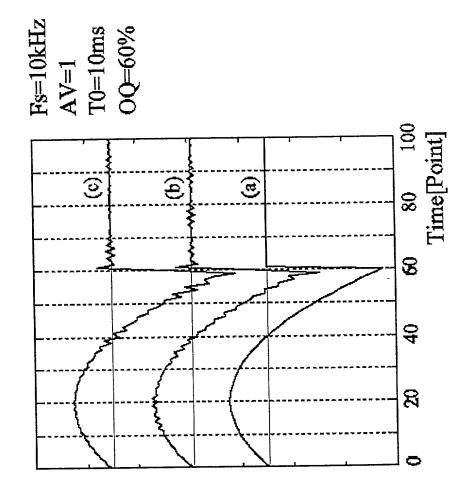
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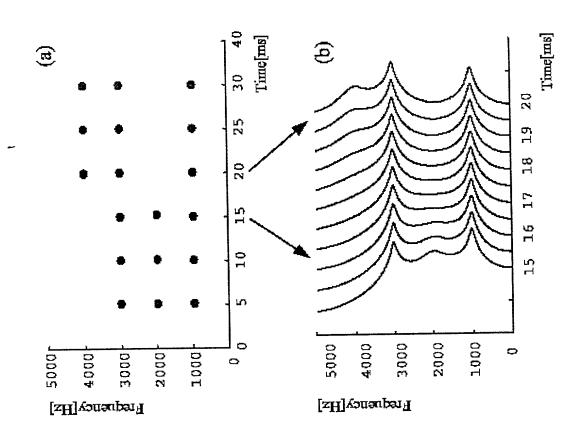
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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM AND SPEECH SYNTHESIS SYSTEM

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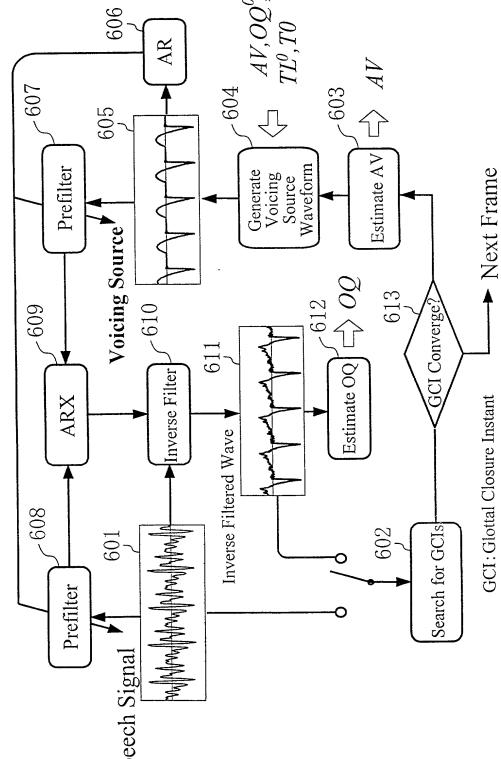
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM AND SPEECH SYNTHESIS SYSTEM

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<u>図</u>

	ARX	MCEP
Low-Pitch Speech (14)	51%	
High-Pitch Speech (9)	71%	
Converted Speech (73)	64%	

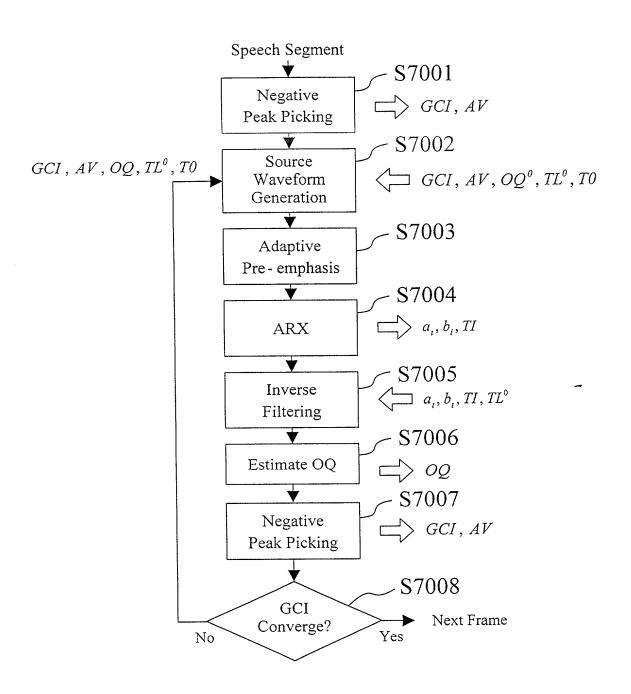
809 602 601 Prefilter Speech Signal 08/9



Inventor: TAKAHIRO KAMAI Atty. Ref. No.: 5077-00066

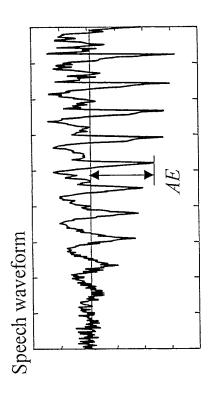
7/30

図7



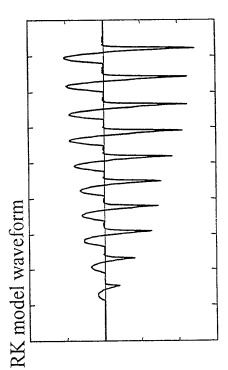
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066

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$$AV = \frac{4}{27} OQ \cdot AE$$

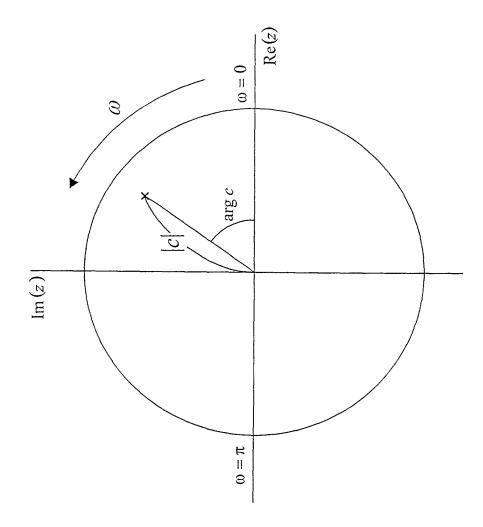
$$AE : Peak value$$



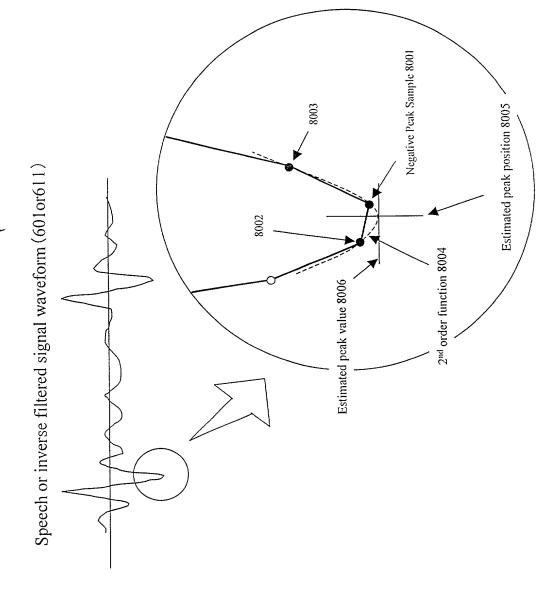
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM ANACH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066

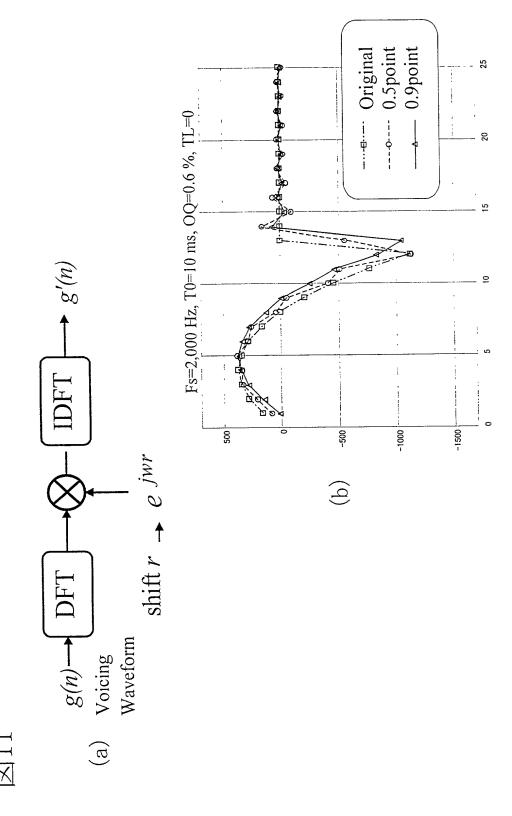
08/6

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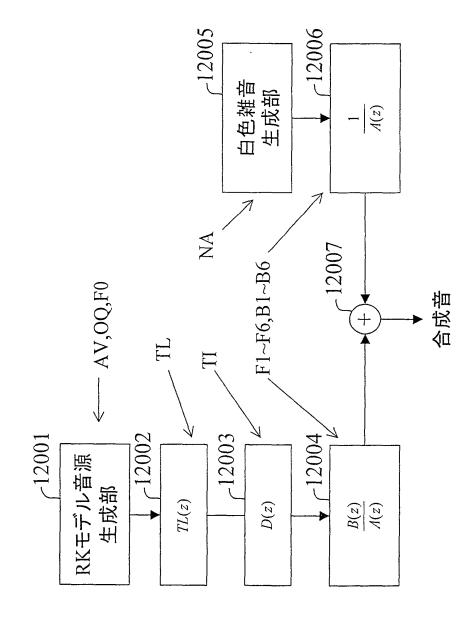




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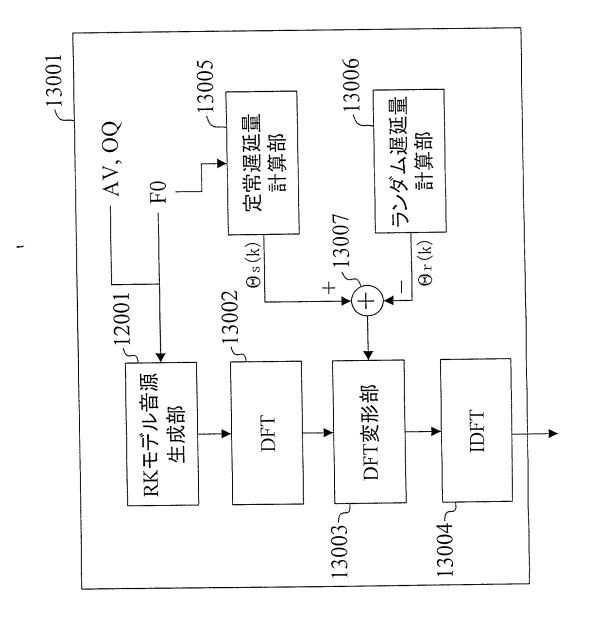
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM ANALY. Ref. No.: 5077-000066

Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066



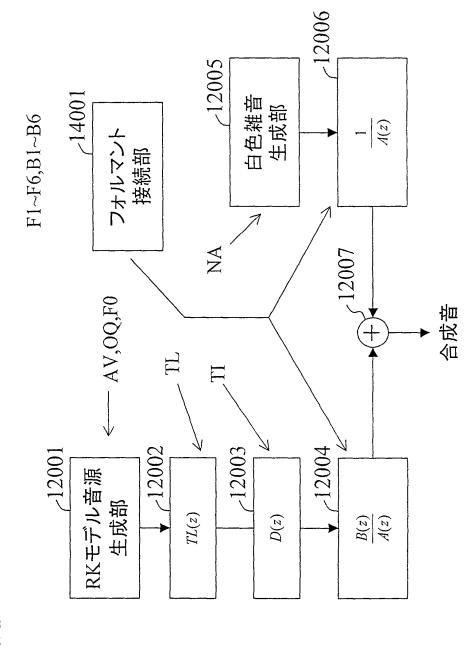
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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066



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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Inventor: TAKAHIRO KAMAI Atty. Ref. No.: 5077-000066

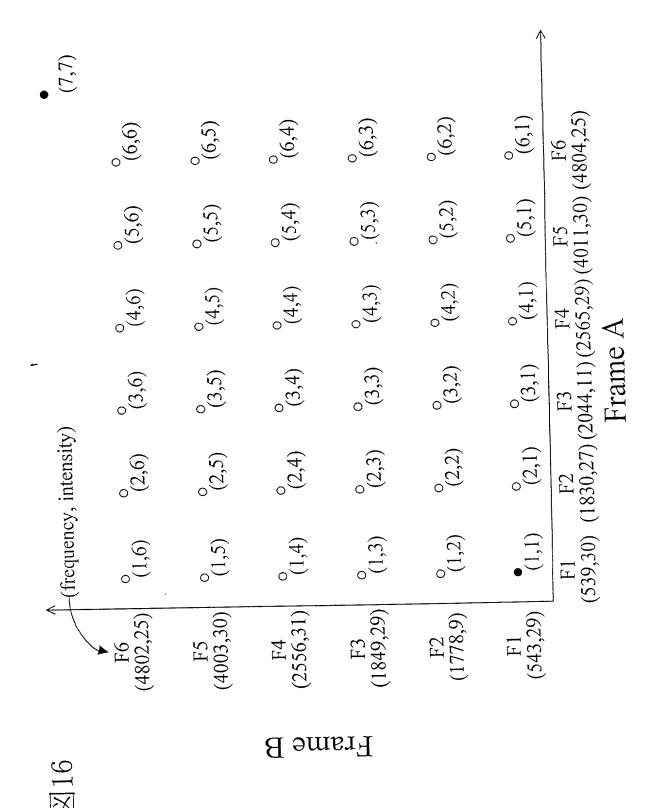


Frame A

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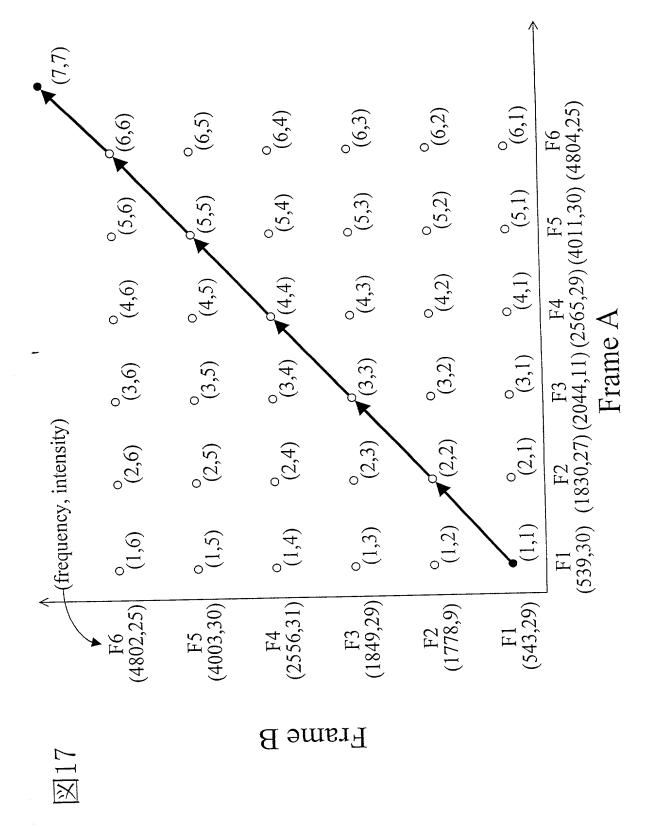
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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM ALTY. Ref. No.: 5077-000066



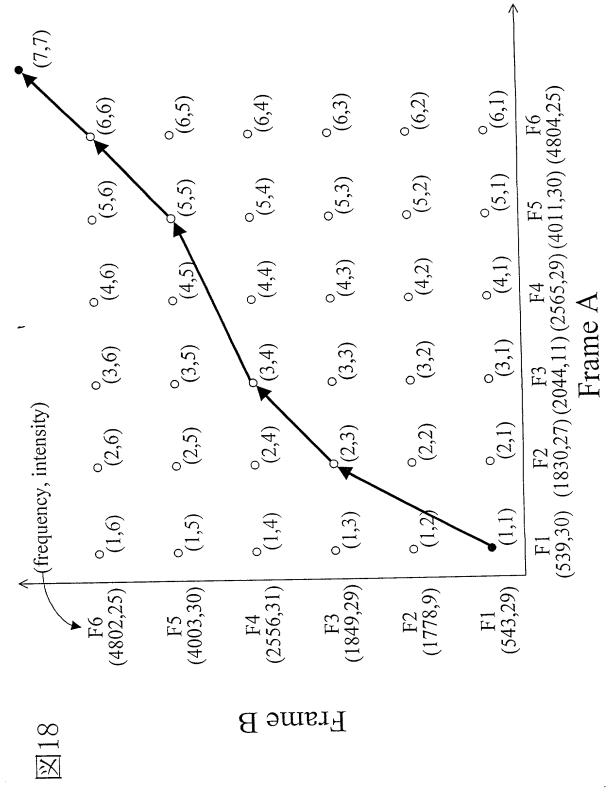
17/30

Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM AND SPEECH SYNTHESIS SYSTEM



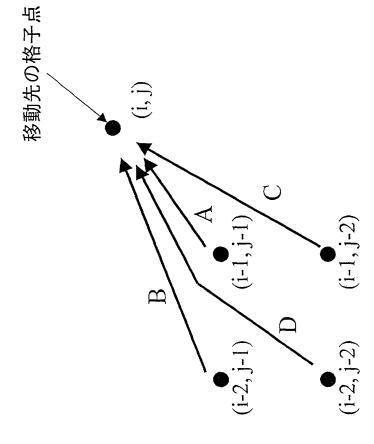
18/30

Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066

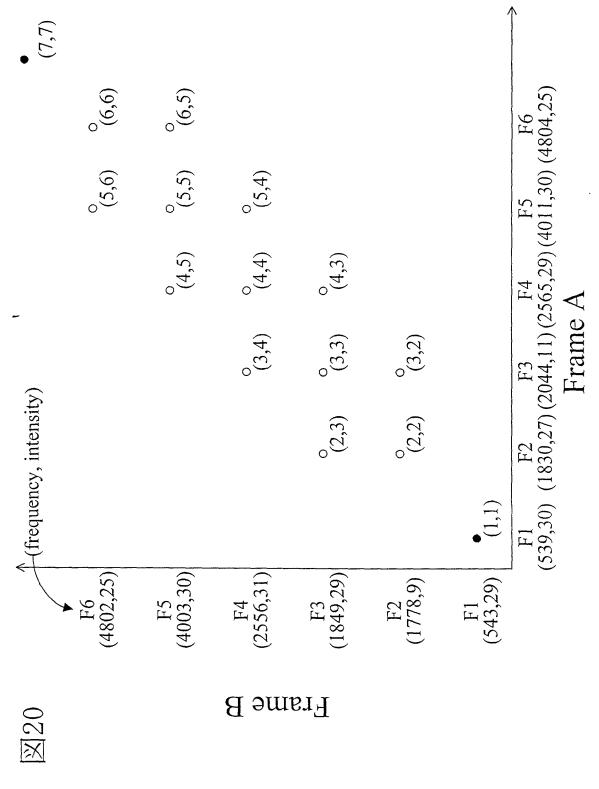


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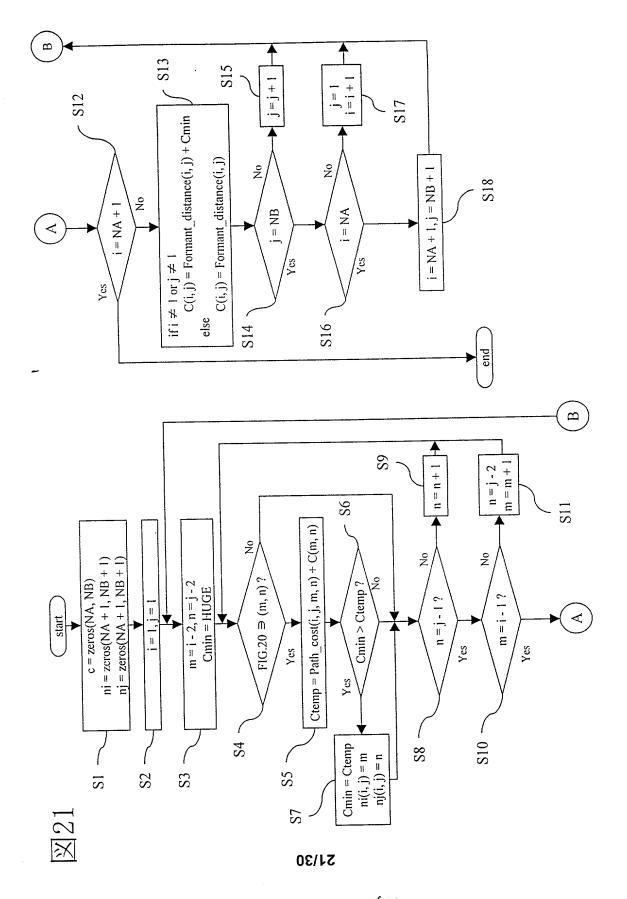
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM

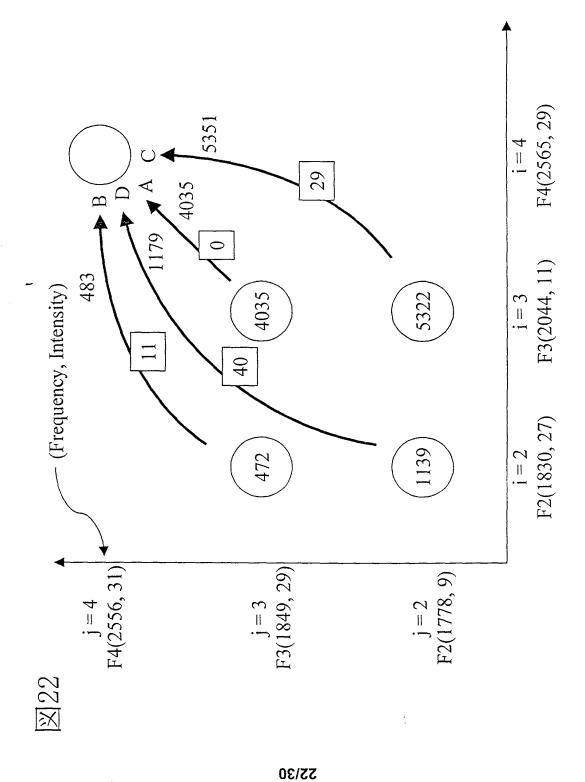


Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Inventor: TAKAHIRO KAMAI Atty. Ref. No.: 5077-000066

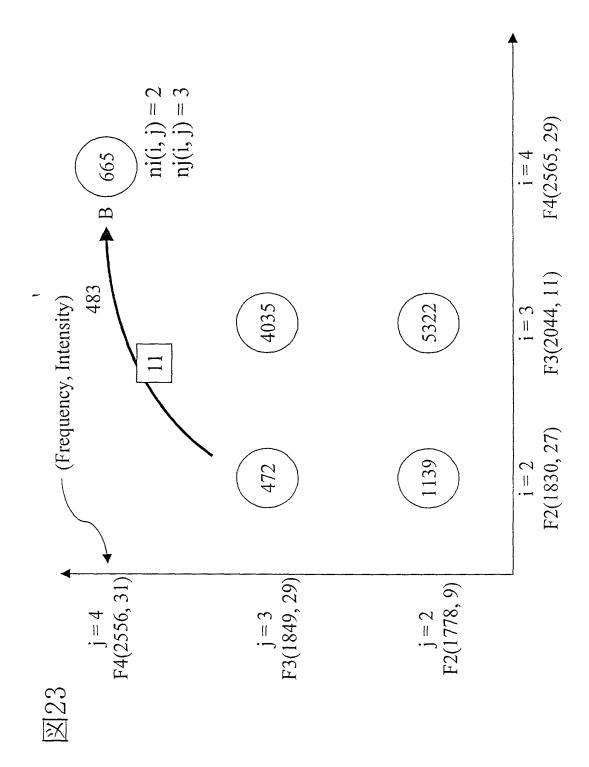


Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066



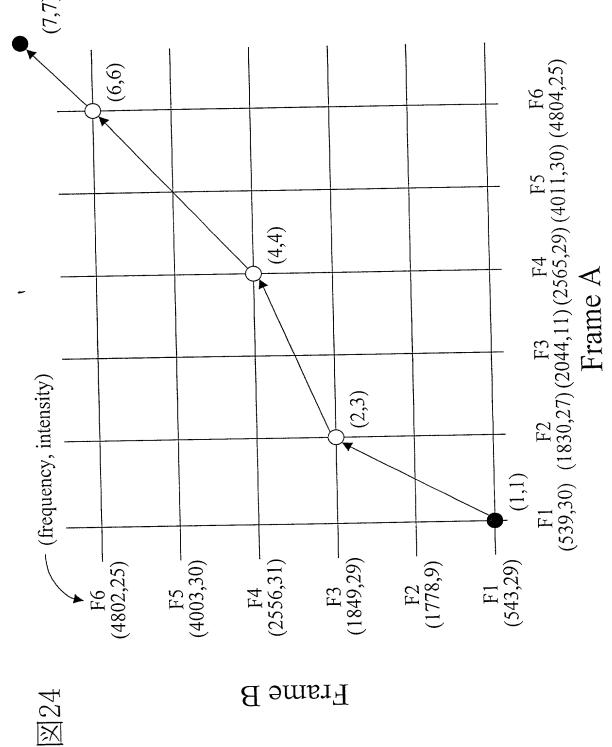


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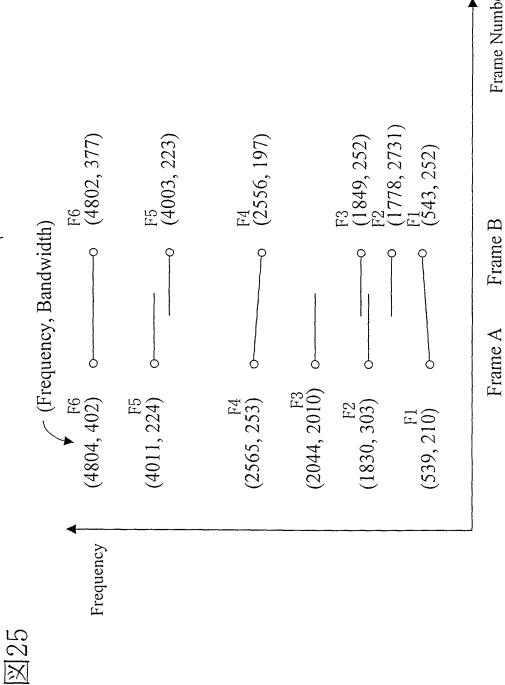


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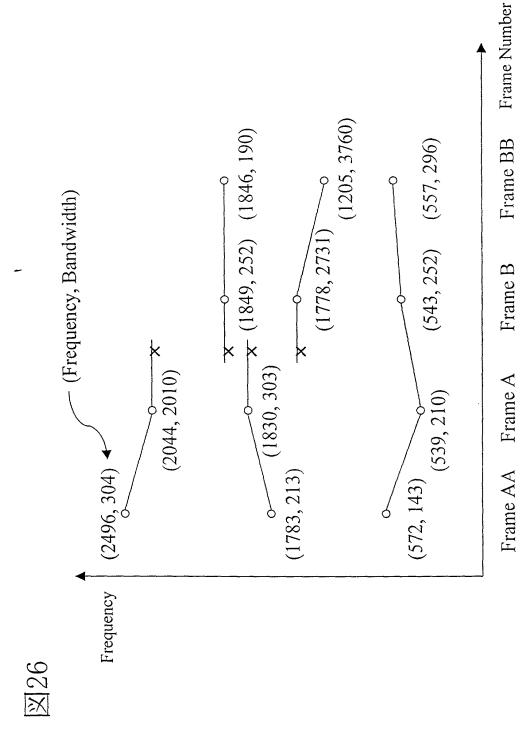


Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Atty. Ref. No.: 5077-000066



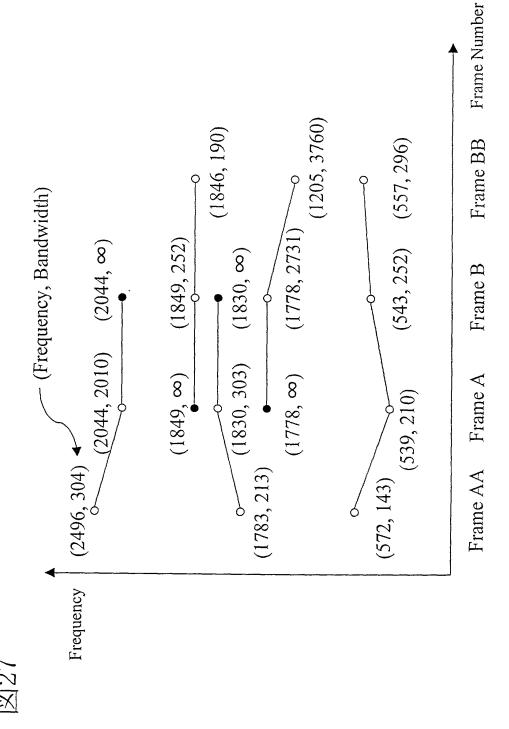
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Frame Number



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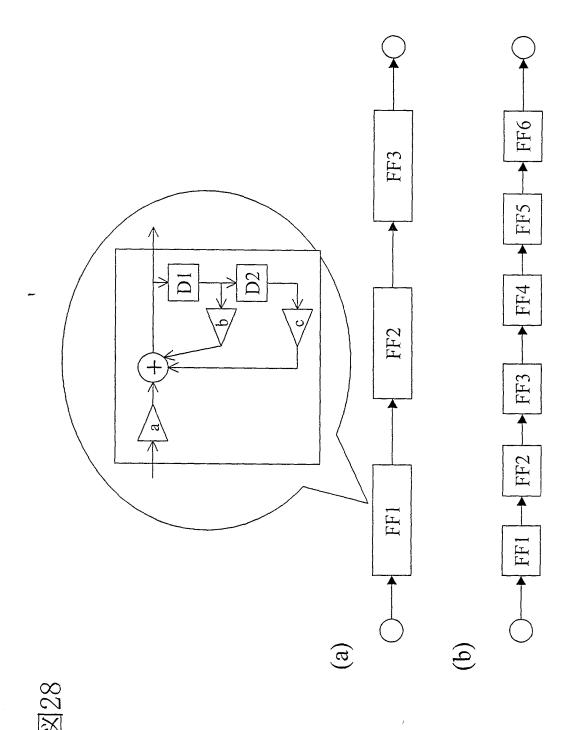
Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Inventor: TAKAHIRO KAMAI Atty. Ref. No.: 5077-000066



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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM Inventor: TAKAHIRO KAMAI Atty. Ref. No.: 5077-000066

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Title: SPEECH ANALYSIS METHOD AND SPEECH SYNTHESIS SYSTEM AND SPEECH SYNTHESIS SYSTEM

	Frame AA	Frame A	Frame B	Frame BB
FF1	572,143,1	539,210,1	543,252,1	557,296,1
FF2	1783,213,2	1778,∞,0	1778,2731,2 1205,3760,2	1205,3760,2
FF3	2496,304,3	1830,303,2	1830,∞,3	1846,190,4
FF4	0,0,0	1849,∞,0	1849,252,4	0,0,0
FF5	0,0,0	2044,2010,3	2044,∞,5	0,0,0
FF6	0,0,0	0,0,0	0,0,0	0,0,0

F: frequency
B: band-width
N: previous filter number

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